



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT 27

By Carol Day at 11:54 am, May 07, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check.
Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN
108391

PRINTER SN
099.3586.818

DATE OF INSPECTION
05/06/2014

LOCATION OF INSTRUMENT (STREET AND CITY)
600 E. Walnut Columbia

TIME OF INSPECTION
4:04 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Labs

LOT # 13210

EXP. DATE 07/29/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN sd2761 SIMULATOR EXP DATE 01/07/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .097

TEST 2 .097

TEST 3 .097

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 7 (0-.04) 9 (.05-.09) 7 (.10-.14) 8 (.15-.19) 5 (OVER .19) 2

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

PRINT NAME

Nathan Turner

TYPE II PERMIT NUMBER/EXPIRATION DATE

220411 12/20/2014

TELEPHONE NUMBER

(573) 874-7652

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

609 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-584-8470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **13210** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 31, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 29, 2015** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 100391
Version no: 532B

TEST RECORD 00052

Temp Date Time 210L

Air Blank:
05/06/14 04:17 .000
Calibration Check:
23 05/06/14 04:17 .097

Subject Name

Test
Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 100391
Version no: 532B

TEST RECORD 00054

Temp Date Time 210L

Air Blank:
05/06/14 04:20 .000
Calibration Check:
24 05/06/14 04:20 .097

Subject Name

Test
Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 100391
Version no: 532B

TEST RECORD 00053

Temp Date Time 210L

Air Blank:
05/06/14 04:19 .000
Calibration Check:
23 05/06/14 04:19 .097

Subject Name

Test
Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 100391
Version no: 532B

TEST RECORD 00055

Temp Date Time 210L

VOID: RFI
12 05/06/14 04:21

Subject Name

Test
Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD